

XP-002167802

AN - 1989-045629 [06]

AP - SU19874179008 19870112

CPY - ALIP-I

DC - E36 H09 J01

DR - 1669-P

FS - CPI

IC - C01B31/08

IN - ALIFANOVA N N; GALKIN V A; PLACHENOV T G

MC - E31-N03 H08-E01 J01-D01 J01-E03C

M3 - [01] C106 C810 M411 M720 M903 M904 M910 N411 N513 N515 Q418 Q431 R032;
R01669-P; 1704-X 1724-X 1711-X 1714-X

PA - (ALIP-I) ALIPHANOV N N

PN - SU1414777 A 19880807 DW198906 003pp

PR - SU19874179008 19870112

XA - C1989-020199

XIC - C01B-031/08

AB - SU1414777 Higher quality granulated activated carbon is obtd. from the weakly agglomerating coal as follows. The starting material is ground to 3-5mm. particle size and heated to 120-170 deg. in an oxidising atmos. The prod. is then ground to powder, mixed with a binder such as wood tar, granulated and carbonised in an inert atmos. at 700 deg. Subsequent activation in a stream of water vapour at 850 deg. completes the process. The material finds use in chemical industry, as adsorbent, for purifying gases and liquids.

- ADVANTAGE - Impact strength is increased by 1.4 times, wear resistance by 2%. Bul.29/7.8.88. (3pp Dwg.No.0/0)

CN - R01669-P

DRL - 1704-X 1711-X 1714-X 1724-X

IW - PREPARATION GRANULE ACTIVATE CARBON CRUSH WEAK AGGLOMERATE COAL HEAT
OXIDATION ATMOSPHERE GRIND BIND GRANULE CARBONISE ACTIVATE STEAM

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INW - ALIFANOVA N N; GALKIN V A; PLACHENOV T G

NC - 001

OPD - 1987-01-12

ORD - 1988-08-07

PAW - (ALIP-I) ALIPHANOV N N

TI - Prepn. of granulated activated carbon - by crushing weakly agglomerating coal, heating in oxidising atmos., grinding, binder, granulation, carbonising and activating with steam